

Title (en)

MULTIWAY SWITCH, RADIO FREQUENCY SYSTEM, AND ELECTRONIC DEVICE

Title (de)

MEHRWEGESCHALTER, HOCHFREQUENZSYSTEM UND ELEKTRONISCHE VORRICHTUNG

Title (fr)

COMMUTATEUR À MULTIPLES VOIES, SYSTÈME RADIOFRÉQUENCE ET DISPOSITIF ÉLECTRONIQUE

Publication

EP 3540966 A1 20190918 (EN)

Application

EP 18205243 A 20181108

Priority

CN 201810220669 A 20180316

Abstract (en)

A multiway switch, a radio frequency system, and an electronic device are provided. The multiway switch is applicable to an electronic device being operable in a single-frequency dual-transmit mode. The electronic device includes the multiway switch, a radio frequency circuit, and an antenna system. The antenna system includes 2antennas. The multiway switch includes six T ports and 2P ports. The six T ports are configured to be coupled with the radio frequency circuit. The 2P ports are configured to be coupled with the antenna system. The six T ports include two first T ports coupled with all of the 2P ports. The multiway switch is configured to be coupled with the radio frequency circuit and the antenna system to implement a preset function of transmitting a sounding reference signal (SRS) through the 2antennas corresponding to the 2P ports in turn.

IPC 8 full level

H04B 1/44 (2006.01); **H04Q 3/00** (2006.01)

CPC (source: CN EP US)

H04B 1/005 (2013.01 - US); **H04B 1/0057** (2013.01 - CN); **H04B 1/006** (2013.01 - CN); **H04B 1/0064** (2013.01 - CN); **H04B 1/40** (2013.01 - US); **H04B 1/401** (2013.01 - CN); **H04B 1/44** (2013.01 - EP US); **H04B 7/0404** (2013.01 - CN US); **H04B 7/0413** (2013.01 - CN); **H04B 7/0604** (2013.01 - CN); **H04B 7/0686** (2013.01 - US); **H04B 7/0802** (2013.01 - CN); **H04Q 3/00** (2013.01 - EP US); **H04Q 3/0004** (2013.01 - US); **H04Q 2213/1302** (2013.01 - EP US); **H04W 88/06** (2013.01 - US)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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BA ME

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DOCDB simple family (application)

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